



IFW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

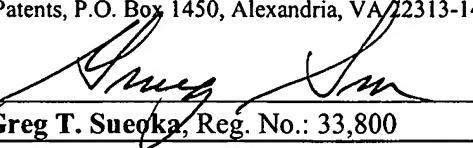
APPLICATION NO.: 10/814,844  
FILING DATE: March 30, 2004  
TITLE: Printable Representations For Time-Based Media  
EXAMINER: Not Yet Known  
GROUP ART UNIT: 2171  
ATTY. DKT. NO.: 20412-08497

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 12/21/04

By:

  
Greg T. Sueoka, Reg. No.: 33,800

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
  - Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
  - Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
    - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated

under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

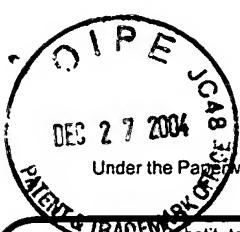
- attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. \_\_\_\_\_, filed on \_\_\_\_\_, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Jonathan J. Hull et al.

Dated: 12/21/04

By:   
Greg T. Sueoka, Reg. No.: 33,800  
Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7194  
Fax.: (650) 938-5200



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

1

of

3

<b>Complete if Known</b>	
<b>Application No.</b>	10/814,844
<b>Filing Date</b>	March 30, 2004
<b>First Named Inventor</b>	Jonathan J. Hull
<b>Art Unit</b>	2171
<b>Examiner Name</b>	Not Yet Known
<b>Attorney Docket Number</b>	20412-08497

**U.S. PATENT DOCUMENTS**

		Document No.			
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	A1	US-6,552,743 B1	04-22-2003	Rissman	
	A2	US-2003/0038971 A1	02-27-2003	Renda	
	A3	US- D468,277 S	01-07-2003	Sugiyama	
	A4	US-2002/0140993 A1	10-03-2002	Silverbrook	
	A5	US-6,442,336 B1	08-27-2002	Lemelson	
	A6	US-2002/0099534 A1	07-25-2002	Hegarty	
	A7	US-6,378,070 B1	04-23-2002	Chan et al.	
	A8	US-2002/0067503 A1	06-06-2002	Hiatt	
	A9	US-6,375,298 B2	04-23-2002	Purcell et al.	
	A10	US-2002/0015066 A1	02-07-2002	Siwinski et al.	
	A11	US-2002/0001101 A1	01-03-2002	Hamura et al.	
	A12	US-2001/0052942 A1	12-20-2001	MacCollum et al.	
	A13	US-6,302,527 B1	10-16-2001	Walker	
	A14	US-2001/0017714 A1	08-30-2001	Komatsu et al.	
	A15	US-5,493,409	02-20-1996	Maeda et al.	
	A16	US-5,432,532	07-11-1995	Mochimaru et al.	
	A17	US-4,998,215	03-05-1991	Black et al.	
	A18	US-4,635,132	01-06-1987	Nakamura	

**FOREIGN PATENT DOCUMENTS**

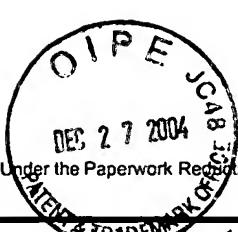
		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	<sup>6</sup>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Information Disclosure Statement by Applicant, Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

2

of

3

<i>Complete if Known</i>	
Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2171
Examiner Name	Not Yet Known
Attorney Docket Number	20412-08497

### OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

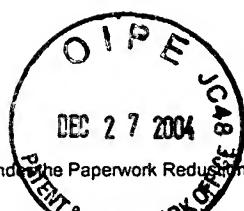
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C1	ASCII 24.com, [online] (date unknown), Retrieved from the Internet<URL: http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3...>	
	C2	Configuring A Printer (NT), Oxford Computer Support [online] [Retrieved on November 13, 2003] Retrieved from the Internet<URL: http://www.nox.ac.uk/cehoxford/ccs/facilities/printers/confignt.htm>	
	C3	“DocumentMall Secure Document Management” [online] [Retrieved on March 9, 2004]. Retrieved from the Internet” <URL: http://www.documentmall.com>.	
	C4	GIRGENSOHN, ANDREAS et al., “Time-Constrained Keyframe Selection Technique,” Multimedia Tools and Applications (2000), Volume 11, pp. 347-358.	
	C5	GRAHAM, JAMEY et al., “A Paper-Based Interface for Video Browsing and Retrieval,” IEEE International Conference on Multimedia and Expo (July 6-9, 2003), Volume 2, P:II 749-752.	
	C6	GRAHAM, JAMEY et al., “The Video Paper Multimedia Playback System,” Proceedings of the 11 <sup>th</sup> ACM International Conference on Multimedia (November 2003), pp. 94-95.	
	C7	GRAHAM, JAMEY et al., “Video Paper: A Paper-Based Interface for Skimming and Watching Video,” International Conference on Consumer Electronics (June 16-18, 2002), pp. 214-215.	
	C8	HULL, JONATHAN J. et al., “Visualizing Multimedia Content on Paper Documents: Components of Key Frame Selection for Video Paper,” Proceedings of the 7 <sup>th</sup> International Conference on Document Analysis and Recognition (2003), Volume 1, pp. 389-392.	
	C9	“Kofax: Ascent Capture: Overview” [online] [Retrieved on January 22, 2004]. Retrieved from the Internet: <URL: http://www.kofax.com/products/ascent/capture>.	
	C10	Label Producer by Maxell, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://www.maxell.co.jp/products/consumer/rabel_card/>	
	C11	Movie-PhotoPrint by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://cweb.canon.jp/hps/guide/rimless.html>	
	C12	PostScript Language Document Structuring Conventions Specification”, Version 3.0 (September 25, 1992), Adobe Systems Incorporated.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### Complete if Known

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2171
Examiner Name	Not Yet Known

Sheet 3 of 3 Attorney Docket Number 20412-08497

### OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C13	Print From Cellular Phone by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/bj/enjoy/pbeam/index.html">http://cweb.canon.jp/bj/enjoy/pbeam/index.html</a> >	
	C14	Print Images Plus Barcode by Fuji Xerox, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.fujixerox.co.jp/soft/cardgear/release.html">http://www.fujixerox.co.jp/soft/cardgear/release.html</a> >	
	C15	Print Scan-Talk By Barcode by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.epson.co.jp/osirase/2000/000217.htm">http://www.epson.co.jp/osirase/2000/000217.htm</a> >	
	C16	Printer With CD/DVD Tray, Print CD/DVD Label by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm">http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm</a> >	
	C17	R200 ScanTalk [online] (date unknown). Retrieved from the Internet<URL: <a href="http://homepage2.nifty.com/vasolza/ScanTalk.htm">http://homepage2.nifty.com/vasolza/ScanTalk.htm</a> >	
	C18	Variety of Media In, Print Paper Out by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm">http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm</a> >	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



## **TRANSMITTAL FORM**

*(to be used for all correspondence during pendency of  
filed application)*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	10/814,844	
	Filing Date	March 30, 2004	
	First Named Inventor	Jonathan J. Hull	
	Group Art Unit Number	2171	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	7*	Attorney Docket Number	20412-08497

**ENCLOSURES (check all that apply)**

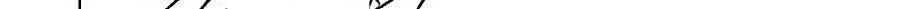
**REMARKS:** \*Page count does not include cited references.

**SIGNATURE OF ATTORNEY OR AGENT**

Signature:			
Attorney/Reg. No.:	Greg T. Sueoka, Reg. No. 33,800	Dated:	12/21/04

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:		
Typed or Printed Name:	Greg T. Sueoka	Dated: 12/21/04
Express Mail Mailing Number (optional):		